

## 91-150 Check seat back locking system (coupe)

### Data

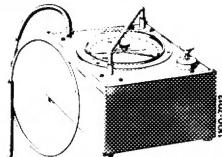
Permissible vacuum loss of system	10 mbar/min at 400 mbar vacuum
Permissible vacuum loss of the components	5 mbar/min at 300 mbar vacuum
Push-on length of connection pieces	12 ± 2

### Color coding of vacuum lines for seat back locking system

Control line	light blue
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### Special tool

Vacuum tester



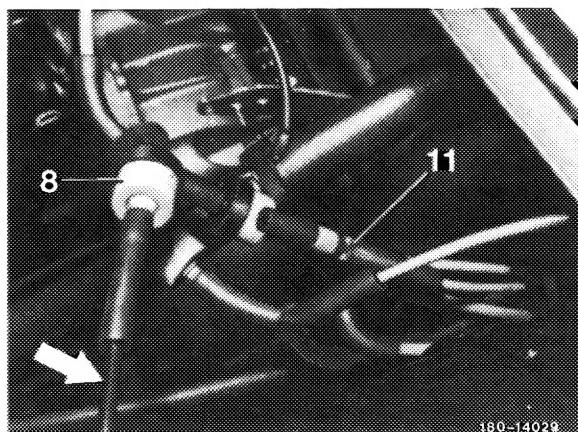
116 589 25 21 00

### Note

On coupe models 123.04/05 a sintered metal restrictor is installed in the first distribution piece in the engine compartment and which is identified by a blue stripe at the distribution piece.

### Check vacuum system

- 1 Remove check valve (8) from distribution piece (11) and connect tester (refer arrow), evacuate and note pressure gauge reading.
- 2 If the pressure gauge reading does not change, the check valve does not leak.

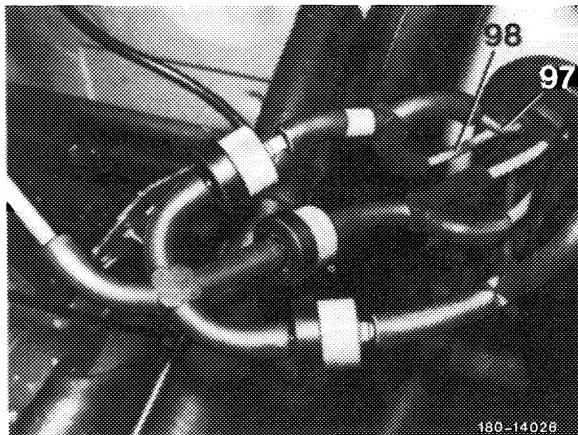


3 With the tester connected to the control line (97), test the left and with the tester connected to the control line (98) test the right circuit.

**Attention!**

On a circuit which has been identified as being leaking, check hose connections and their connection pieces before replacing vacuum elements and vacuum switch.

4 The following test must be carried out at the circuit at which a leak was detected:



a) Vacuum elements and vacuum switch for driver's and co-driver's seat

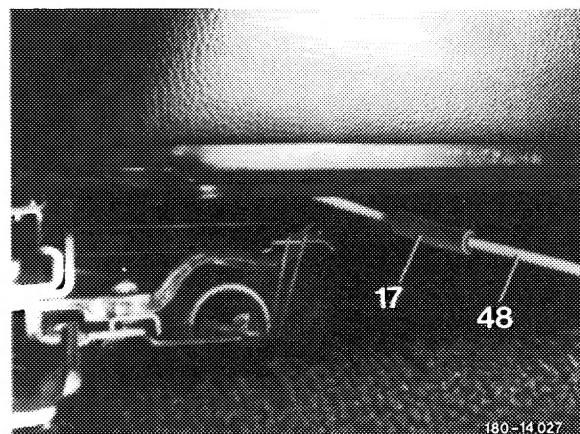
5 Pull control line (48) off connection piece (17) and connect tester, evacuate and note pressure gauge reading.

6 If the reading does not deviate, vacuum element and vacuum switch are not leaking. Therefore, the existing leak must be in section b.

7 If pressure gauge indication varies during the test, remove driver's or co-driver's seat and carry out the following tests:

**Note:**

For better view, the following work is shown with bare seat frame.



8 Pull control line (99) from distribution piece (22) and connect tester, evacuate and note pressure gauge reading.

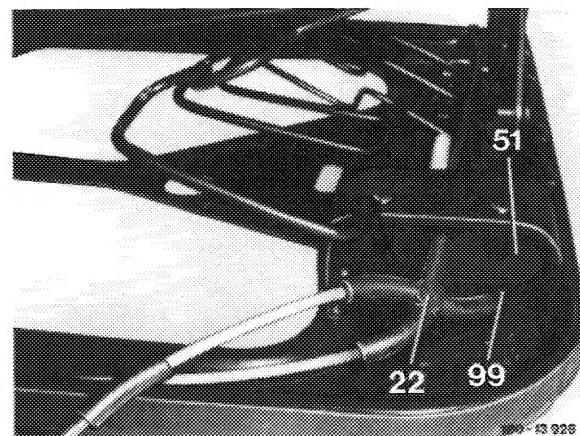
9 If the reading changes, renew vacuum switch of the driver's seat back (91-119).

10 If the reading does not change, pull distribution piece (22) from vacuum element (51).

11 Connect tester to vacuum element (51), evacuate and note pressure gauge reading.

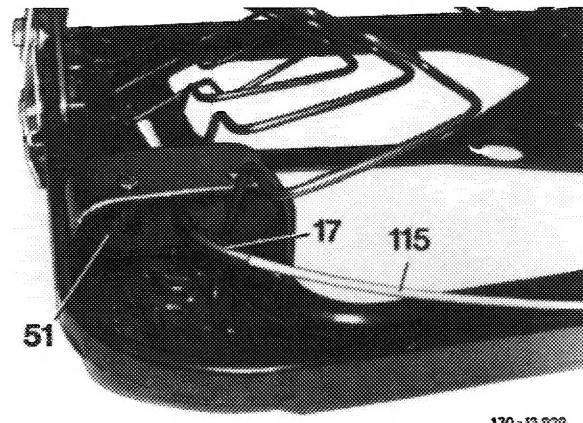
12 If a leak is detected, renew vacuum element (51) (91-115).

13 If the vacuum element does not leak, the fault must be in the opposite vacuum element.



- 14 Pull control line (115) from connection piece (17).
- 15 Connect tester to connection piece and evacuate.

- 16 If a leak is detected, replace vacuum element (51) (80—300).



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**b) Door contact vacuum switch**

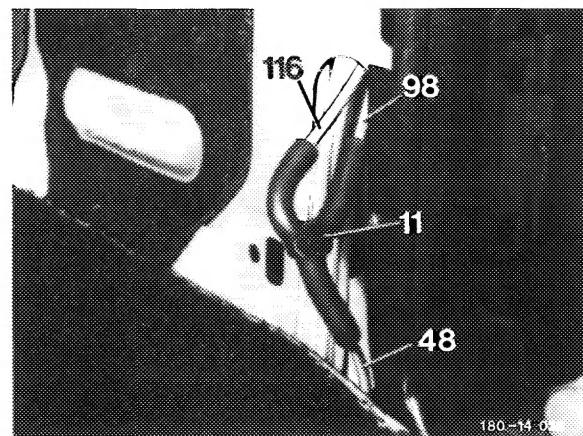
- 17 Remove cover below the instrument panel left or right side.

- 18 Remove side cover in the front left or right foot space.

- 19 Pull control line (116) from distribution piece (11).

- 20 Connect tester to control line (116) and evacuate.

- 21 If a leak is detected, replace left or right door contact vacuum switch (91—117).



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